

Title (en)
Heated rotor.

Title (de)
Beheizter Rotor.

Title (fr)
Rotor chauffé.

Publication
EP 0470718 A2 19920212 (EN)

Application
EP 91306596 A 19910719

Priority
GB 9017312 A 19900807

Abstract (en)
A heated rotor is provided to heat and circulate a substance comprising a shaft and at least one electrically heated rotor member supported on the shaft. The rotor member comprises an outer electrically conductive casing and at least one inner electrical conductor, electrically insulated from the casing. The or each inner conductor is electrically connected to the outer electrically conductive casing at an unsupported extremity of the rotor member. The shaft provides separate electrical connections to the or each inner conductor and the casing to enable an electric heating current to flow in the inner conductor between the or each unsupported blade extremity and the shaft.

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IPC 8 full level
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B01F 27/051 (2022.01 - EP US); **B01F 27/053** (2022.01 - EP US); **B01F 35/95** (2022.01 - EP US)

Cited by
FR2841154A1; FR2775621A1; EP1346764A1; US6869322B1

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EP 0470718 A2 19920212; **EP 0470718 A3 19930224**; **EP 0470718 B1 19941214**; DE 69105864 D1 19950126; DE 69105864 T2 19950427; GB 2246821 A 19920212; GB 9017312 D0 19900919; US 5135355 A 19920804

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